

COLLIERY GUARDIAN INTERNATIONAL INDEX

January to December 1979

ARTICLES

ABMEC Face Equipment Group, 14 - 6
VII
ABMEC Missions & Exhibitions Group, 8 - 11 X
ABMEC Profile, 26 - 30 IV
Bord & Pillar Mining with Hydraulic Sandstowing, 37 - 43 X
Brown Coal Mining in the German Democratic Republic, 18 - 22 I
Control of Rawdon Coal Preparation Plant by Microprocessor, 25 - 8 I
Development of China's Coal Industry, 8 - 11 VII
Fluidised Combustion of Coal Washery Waste, 50 - 4 I
Forewarning of Faults and Outbursts of Coal & Gas at Westcliffe Colliery Australia 13 - 22 X
Hazardous Venture—The Development of the Man Machine, 18 - 20 IV
Hydraulic Support Design for Weak Stratified Rock, 23 - 34 X
Longwall Mining of Coal Seams in Poland, 44 - 9 I
Longwall Mining Potential of Plains Region Coal Deposits in Western Canada, 31 - 9 IV
Mining Technology Research and Development in the German Coal Mining Industry, 26 - 31 VII
Restoration of Opencast Strip Mines in South Africa, 22 - 3 IV
Theoretical & Practical Aspects of Cutting & Loading by Shearer Drums, Part I 9 - 16 I; Part II 41 - 50 IV
Trackless Transport for Men & Materials, 37 - 43 I
Mining Developments in Alberta Province, Canada, 17 - 9 VII
World Energy Review, 6 - 7 I; 7 - 8 IV; 5 - 7 VII; 5 - 7 X.

AUTHORS

Baillie, D., 25-8 I
Benthaus, Dr. Ing. F., 26 - 31 VII
Bristow, N., 37 - 43 I
Brooker, C. M., 9 - 16 I; 41 - 50 IV
Collins, H. E., 6 - 7 I; 7 - 8 IV; 5 - 7 VII; 5 - 7 X
Creasy, 13 - 22 X
Crossland, R., 25 - 8 I
Jeremic, M. L., 31 - 9 IV
Lojas, Dr. J., 44 - 9 I
McCombe, C., 18 - 22 I; 18 - 20 IV

Maloszewski, J., 23 - 34 X

Rulka, K., 23 - 34 X
Saluja, S. S., 37-43 X
Shepherd, J. R., 13 - 22 X
Singh, J. G., 37 - 43 X
Szczurowski, Dr. A., 44 - 9 I
Szwiłski, Dr. A. B., 17 - 9 VII
Wang Ching-Yi, 8 - 11 VII
Waters, P. L., 50 - 4 I
Whittaker, B. N., 31 - 9 IV

BOOK REVIEWS

Coal: Energy & Chemical Storehouse, 20 IV
Hot Gas Cleanup, 22 X
Taschenbuch für Bergbauingenieur, 20 IV

CONTENTS

Contents & Synopses in French, 3 I; 4 IV; 3 VII; 3 X
Contents & Synopses in German, 2 I; 3 IV; 3 VII; 3 X
Contents & Synopses in Spanish, 4 I; 5 IV; 4 VII; 4 X

DIARY

23 I; 24 IV; 12 VII.

MISCELLANEOUS

Jet Cutting & Cleaning, 11 X
New Coal Upgrading Processes, 43 X
Ripping Lip Side Shield, 22 X
Symposium on Rock Mechanics, 19 VII

NEWSROUND

Airstream for US, 30 I
Asea Belt Scales System 14 IX
Asea Mine Hoists for China, 24 VII
Australian Order, 11 IV
Blast Hole Drill, 25 VII
Boulonnage, 23 VII
Box Hole, 24 VII
British Gas to test Coal for US Electricity, 30 I
Castle in France, 30 I
China buys Drilling Rigs, 31 I
Coal Production Up, 20 VII
Columbian Contract, 16 IV

Columbian Engineers Visit, 16 IV

Continuous Transportation of Coal, 12 X
Crawler-Mounted Transporter, 20 VII
Crowcon Instruments Australian Contract, 30 I
Diamond Drills, 16 IV
Dowty in Australia, 20 VII
Forest Fuel, 12 X
Gastech at Monte, 25 VII
Grant & Loan for UK Coal Industry, 31 I

Hall Creek Moves, 20 VII

Hydraulic Conveyance becoming an Interesting Proposition, 23 VII
Hydraulics in Australia, 12 X
Indian Dippers, 14 IV
Mammoth Mining Machine, 24 VII
Milling Plant for Russia, 25 VII
New Record, 30 I
New Size, 23 VII
Opening New Premises, 24 VII
Private Railroad invest in Coal, 25 VII
Quads for FSW, 11 IV
SA Oil from Coal, 12 X
Separators for India, 21 VII
Siberian Coal Mine Productivity, 30 I
Spanish Plans, 12 X
Steam Coal & Energy Needs in Europe to 1985, 31 I
Strip Mine Reclamation, 21 VII
Success in Australia, 21 VII
Ten Kilometer Conveyor Belt, 11 IV
Truck Launched, 14 IV
UK-Italian Coal Research Link, 20 VII
Undermining Donetsk, 31 I
"Vespa" Support Pad, 16 IV
Walking Dragline, 31 I

WORLD NEWS

Accidents in German Coal Mines, 7 VII
Agreement with US, 28 I
Coal for Power Generation, 22 I
Coal Mining in Australia, 7 VII
Coal Sale to South Korea, 28 I
Cutting Waste Research, 28 I
France seeks Australian Coal, 22 I
Future French Coal Mining, 54 I
Future Prospects, 54 I
German Contract, 22 I
Hydraulic Drilling for Roof Bolting in Mines, 7 VII
Spanish Coal, 11 X
Transformers to be Manufactured Locally, 54 I
Underground Ventilation, 54 I

General Index to Volume 227

January to December 1979

NB. The Arabic numbers refer to the pages and the Roman numbers I - XII refer to the issues in which the entry will be found.

A

Annual Conference IME, 1979, 282 VI
Annual Review Synopses 1979, 349 VII

ARTICLES

Aims and Main Research Activities of German Coalmining, 517 - 22 IX
Betws Drift Mine, 473 - 84 VIII
Capcoal Australia, 403 - 9 VIII
Coal Mining Advances, 512 - 5 IX
Coal Pillars, 598 - 604 XI
Computer Control of Coal Clearance at Ledston Luck Colliery, 447 - 58 VIII
Development in Drilling Fluids & Methods for Core Drilling 71 - 4 II
Developments in Coal Preparation Plant Design with Environmental Aspects in Mind 497 - 503 VIII
Dowty Meco Booster Conveyors 38 - 9 II
Equipment Leasing in the UK, 618 XI
Fire Retardance Tests for Materials used Underground, 459 - 72 VIII
Fluidised Bed Combustion of Low Calorific Value Fuels, 523 - 8 IX
Foreword—Annual Review, 4 - 1 - 2 VIII
Foreword—Exhibition Issue, 511 IX
Geological Problems Associated with the Barnsley Seam in the Doncaster Area, 668 - 75 XII
Gravity Winding, 262 - 9 V
Henry Fleuss & Proto Apparatus, 321 - 5 VI
High Speed Manriding Trains, 485 - 95 VIII
Indirect Mining, 622 - 5 XI
Industrial Relations, 411 - 8 VIII
Industrial Relations in the UK and the USA 554 - 7 IX
Influence of Physico-Mechanical Properties & Geological Discontinuities on Rock Blasting 631 - 5 XI
Location of Faults in Underground Seismology, 419 - 27 VIII
Mr. Longyear's Legacy, 685 - 6 XII
Recent Advances in Water Jet Coal-mining, 537 - 41 IX
Reconstruction of a Small Gasworks on Blaize Hill, 619 XI
Retreat Mining in Zones of Heavy Pillar Interaction, 90 - 8 II
Rock Mechanics/Geotechnical Investigations Part I, 162 - 9 III, Part II, 212 - 20 V, Part III, 298 - 304 VI, Part IV, 644 - 52 XI
Selby-The New Mine for the 80's, 120 - 9 III
Simpsons Respirable Dust Sampler, The 326 - 331 VI
Shortest Connection Between Two Roadways, The 661 - 2 XII
South Wales Coalfield, The 309 - 16 VI
Storage of Coal, The 331 - 40 VI
Sub-Bituminous Coal Resources in the Western USA 529 - 34 IX
Trackless Transport, 429 - 37 VIII

Tuning of Underground Machinery, 439 - 46 VIII

Webster Packer versus Hand-Packing, 676 XII

AUTHORS

Appa Rao, Y. V., 631 - 5 XI
Barber, R. J., 439 - 46 VIII
Brand, W., 517 - 22 IX
Buchanan, D. J., 419 - 27 VIII
Downes, E. J., 90 - 8 II
Dunham, Dr. R. K., 529 - 34 XI, 676 XII
Dunn, R. B., 512 - 5 IX
Ersboll, N., 511 IX
Gibson, Dr. J., 523 - 8 IX
Gray, G. A., 38 - 9 II
Gwakin, G., 326 - 31 VI
Hall, D. A., 331 - 40 VI
Hellewell, E. G., 661 - 2 XII
Jackson, J. B., 598 - 604 XI
Jagger, D., 447 - 58 VIII
Jenkins, A., 262 - 9 V
Knight, Dr. D. J., 162 - 9 III, 212 - 20 V, 298 - 304 VI, 644 - 52 XI
Lusk, J., 321 - 5 VI
McCombe, C., 619 XI
Makower, A. D., 459 - 72 VIII
Mills, L. J., 403 - 9 VIII
Myerscough, P. S., 668 - 75 XII
Northard, J. H., 429 - 37 VIII
Ogden, T. L., 326 - 31 VI
Pearson, J. N., 668 - 75 XII
Pitt, R., 120 - 9 III, 309 - 16 VI
Potts, D., 622 - 5 XI
Reid, A. B., 554 - 7 IX
Roberts, J., 497 - 503 VIII
Sanders, F. N., 459 - 72 VIII
Siddall, N., 401 - 2 VIII
Singh, D. P., 631 - 5 XI
Steels, K., 71 - 4 II
Summers, D., 537 - 41 IX
Thompson, R. H., 411 - 8 VIII
Watkins, D., 685 - 6 XII
Watson, N., 485 - 95 VIII
Williams, R., 473 - 84 VIII

B

Bergbau '81, 552 IX
Birthday Present for Cable Belt, 577 X
Bolton Beavers, The, 290 VI

BOOK REVIEWS

Coal and Crisis, 286 VI
Coal Exploration, 652 XI
Coal in the US Energy Market, 117 III
Coal, Its Role in Tomorrow's Technology, 304 XI
Coal Mines in the Republic of South Africa, 586 X
Coal Mining in the Llanelli Area, 675 XII
Coal Thesaurus 1978, 304 VI
Community Energy Policy, 665 XII
Energy Policy in the United States, 269 V
Energy Usage in the Eighties, 562 IX
Future Coal Supply for the World Energy Balance, 641 XI
Health & Safety Publications Catalogue '79 515 IX

Hydraulic Transport of Limestone Aggregate & Colliery Spoil, 528 IX
Methane Prediction in Coal Mines, 635 XI
Mineral Processing Technology, 643 XI
Mining International Year Book, 325 VI
Pick & the Pen, The, 643 XI
Stability in Coal Mining, 562 IX
Steam Coal—Prospects to 2,000, 98 II
Terminology of Remote Control & Automation in Mining, 558 IX
Trackless Transport Underground, 586 X
University of Nottingham Mining Dept. Magazine, 325 VI
Underground Coal Gasification-Reaction Zone Mapping, 558 IX

British Coal for Israel, 573 X
Bunker Conveyors on Display, 561 IX

C

Chain Manufacturers New Headquarters, 35 II
Chainless Haulage Track Cleaning Plough, 676 XII
Coal Industry Honours, 347 VII
Coal Industry Society, 585 X
Coal in the USSR, 281 VI
Coal Statistics, 5I, 32 II, 110 III, 176 IV, 208 V, 281 VI, 349 VII, 541 IX, 573 X, 597 XI, 660 XII
Coal Trade Benevolent Association—AGM, 281 VI
Conveyors for Selby, 596 XI

COALFIELD NEWS

Scotland
Test Borings, 12 I
Giant Coalfield 12 I
Home for Miners, 12 I
North Sea Coal, 12 I
Coal Still King, 33 II
Windfall, 33 II
Christmas Bonus, 33 II
Scots get Pledge, 33 II
Investment Pays Off, 33 II
Speed Record Claim, 180 IV
Lanarkshire Prospects, 180 IV
Rescue Station Competition, 180 IV
Shaft named 'Castlebridge', 180 IV
Musselburgh Bay Project, 180 IV
New Technology, 228 V
Scotland's Future, 228 V
Imports Dispute, 228 V
Opencast Extension, 228 V
Scientific Experiment, 228 V
Test Bores Row, 228 V
AMEME Ayrshire Branch, 228 V
Winning Team, 228 V
Laser Beam Guide, 355 VII
Mine to be Opened, 355 VII
Imports Challenged, 355 VII
Coal Dust Discovered, 580 X
Coal Imports Promise, 626 XI
Mining Courses Reprieved, 682 XII
Memorial Planned, 682 XII

North East

Monkton Modernisation, 33 II
First Past the Post, 180 IV
Output Boost, 626 XI

Yorkshire

Big K, 12 I
Selby Power Lines, 229 V
Jumbo Shearer, 229 V

Midlands

Delegation to India, 180 IV
Adventure Exchange Trip, 180 IV
Teversal Colliery, 183 IV
First Coal from Tipton Seam, 183 IV
Million-up, 183 IV
The 'Gedling Motorway', 183 IV
Emergency Aid, 183 IV
New Electric Winders, 183 IV
Drilling Operation, 295 VI
Efficiency & Safety, 295 VI
Energy Saving Award, 295 VI
Apprenticeship Opportunities, 295 VI
Cash Awards, 355 VII
Link-up Advantages, 355 VII
Promotion Records, 580 X
'Safetymind' Competition, 580 X
Advanced Mining Equipment, 580 X
Two Awards, 580 X
Underground Safety Course, 626 XI
Trio Recruited, 626 XI
Barnsley Area Investment, 626 XI
New Seam Investments 682 XII

Western

Productivity Soars, 183 IV
Mine Gas for Kilns, 183 IV
Opencast Proposals, 183 IV
Productivity Record, 183 IV
Plans Exhibited, 183 IV
First Aid Double, 183 IV
Records Fall in North Wales, 183 IV
Record Week, 183 IV
Mining Mastermind, 229 V
Parkside Records, 229 V
Top of the League, 229 V
'Million-Tonne Club', 229 V
Merthyr Vale Project, 295 VI
First Aid Title, 295 VI
Disaster Fund, 355 VII
Staffordshire Collieries Linked, 580 X
Coastal Colliery Study, 580 X
Reno Mining Conference, 626 XI
Safety Success, 626 XI
Disaster Fund Lists, 682 XII
Safety-Tidiness Award, 682 XII
Twin Fan Design, 682 XII
Ambition Realised, 682 XII

South Wales

Investment Project, 12 I
Record Output, 12 I
Coal Fashions, 184 IV

COMMENT

British Coal Industry Hosts World Mininig Congress International Organising Committee, 279 VI
Case for Coal's Expansion, The 4 I
Coal Mining Industry, The 207 V
Coal Industry Society Energy Luncheon Seminar, 347 VII
Coal Industry Society—Fifty Not Out, 297 VI
Coal Mines Underground Fan Report, 4 I
Coal Trade, 31 II
CTBA Annual Dinner, 32 II
Disaster Strikes Again, 175 IV
EEC Economic & Social Committee in London, 347 VII
Electronic Technology for the Pits, 108 III
Energy Scene, 175 IV
Energy Show, The, 109 III

General Election, 175 IV

Good Cheer CTBA Fashion, 32 II
Health & Safety Report 1978, 595 XI
House of Lords Debate Coal, 175-6 IV
HSC Report 1977-8, 3 I
Institution of Mining Engineers AGM, 31 II
Investment in People, 572 X
Mineworkers Settlement, 107 III
Kent Sub Branch IME, 208 V
Mining Industry's Aid to Government, 107 III
MRDE Report 1979, 595 XI
Ms Britain, 207 V
New Year Honours, 3 I
Nutty Slack, 175 IV
Oil-from-Coal Plants, 107 III
Opencast Management, 208 V
Review Films, 109 III

COMPANY NEWS

Appointed Distributors, 179 IV
Asea in Denmark, 227 V
Avery in Wakefield, 42 II
Belting Contracts, 20 I
Biggest Belting, 20 I
Cable Belt Contract, 605 XI
Cable Belt Production, 356 VII
Calendar Award, 226 V
Canadian Company Agreement, 605 XI
Change of Address, 356 VII
Change of Name, 356 VII
Changes at Kent's, 356 VII
China Contract, 179 IV
Chinese Contract, 43 II
Coal Breakers Supplied, 605 XI
Coal Handling Plant, 605 XI
Coal Preparation Plant, 42 II
Communications Contracts, 605 XI
Company Change Name, 226 V
Company Expands, 227 V
Computerised Coal Plant, 21 I
Contract for Dirt Disposal, 42 II
Contract to Clean Coal, 356 VII
Correction, 356 VII
Conveyor Belts and their Joints, 604 XI
Dobson Park Results, 20 I
Double Century, 179 IV
Dump Truck Delivery, 179 IV
Energy Subsidiary Formed, 179, IV
Equipment Development, 20 I
Excavators for Hire, 227 V
Export Order, 227 V
Fan Manufacturers Move, 605 XI
First Order for New Company, 356 VII
FLP Switches for Chinese Mines, 43 II
Formation of Company, 43 II
FSW Opening, 43 II
Graemross Take-Over, 227 V
Hall Takeover, 20 I
High Torque Chart, 21 I
Latest Brochure, 42 II
Leaflet from Sterling, 20 I
Loadwatcher, 21 I
Manufacturing Company Formed, 226 V
Methane Detector Order, 226 V
Mining Division Formed, 43 II
Mining Industry Pamphlet, 226 V
NCB Contract, 226 V
New Company, 356 VII
New Company, 43 II
New Company Formed, 226 V
New Survey Booklet, 42 II
New US Office, 179 IV
Opencast Contract, 356 VII
Opencast Contract, 20 I
£18m. Opencast Contract, 226 V
Opportunities 80, 605 XI
Products Brochure, 42 II

Raise Borer Leaflet, 227 V

Reclamation, 21 I
Re-entering the Mining Industry, 605 XI
Sampling Literature, 21 I
Screen Brochure, 356 VII
Screen Order for Orgreave, 227 V
Shotblasting Booklet, 226 V
Sir Leonard Takes a Swing, 42 II
SKF Agents, 20 I
Skincare, 226 V
Sole Creusabro Stockist, 226 V
Technical Articles, 356 VII
Transport System for Gedling, 356 VII
Two Contracts, 577 X
Weighers for Giant Colliery, 227 V
Wild Factory Visit, 179 IV

COMPANY PROFILES

Atlas Copco, 222 - 4 V
Gyro Mining Transport 678 - 9 XII
Trelleborg Rubber Ltd., 80 - 6 II
Conveyors for Selby, 596 XI

CORRESPONDENCE

Coal Resources, 110 III
Worlds First?, 280 VI

D

Davis of Derby Bicentary Celebrated, 553 IX
Diary, 36 II, 111 III, 210 V, 289 VI, 562 IX, g86 X, 597 XI, 662 XII

E

Energy Show, 98 II

EQUIPMENT

Air Compressor, 582 X
Air Helmet Filters, 209 V
As-New Trucks from Old, 89, II
Auxiliary Ventilation, 17 I
Bridge Conveyor, 190 IV
Buffer Unit, 15 I
Chainbelt Literature, 577 X
Change of Address, 577 X
Coal Preparation Extension, 577 X
Concrete Foundation, 188 IV
Concrete Lining, 582 X
Crosfloc Flocculants, 209 V
Curled Wire Tire, 285 VI
Demand for Rocker Shovels, 16 I
Discarded Coal Recovered, 582 X
Down-to-Earth Lighting, 639 XI
Drilling System Power Pack, 209 V
Drills Solve Problems, 88 II
Dump Truck Operations, 681 XII
Eimco at Prince of Wales, 287 VI
Electrical Vibrator Motors, 89 II
Engineers Handbook, 577 X
Excavator Mounted Hammer, 639 XI
Flameproof Level Controllers, 192 IV
FLP Motor Starters, 15, I
Footvalve for Centrifugal Pumps, 192 IV
Giant Vulcanising Press, 188 IV
Heavy Plant Moving, 17 I
Hose Break Valves, 681 XII
Husheet, 16 I
Hydraulic Drilling Unit, 285 VI
Hydraulic Filters, 187 IV
Hydraulic Handbook, 577 X
Hydraulic Submersible Pump, 188 IV
Impact Crusher for Horden, 187 IV
Laboratory Dust Weighers, 285 VI
Largest Track Tractor, 187 IV
Level Controllers, 192 IV
Level Detection & Control, 286 VI
Level Indicator, 190 IV
Lift Ram Safety Valves, 639 XI
Linear Sampler, 286 VI

Loading in Pairs, 639 **XI**
Minecage Safety Device, 89 **II**
Mobile Drilling Rig, 15 **I**
Mobile Unit, 681 **XII**
Movement Detector, 17 **I**
NCB Chose Monobox, 88 **II**
NCB Kills Dust Bug, 190 **IV**
New Address, 577 **X**
New Brochure, 577 **X**
New Hand Drills, 192 **IV**
New Machines at Old Colliery, 639 **XI**
New Technical Manuals, 577 **X**
Oil from Coal Contract, 577 **X**
Opencast Working, 16 **I**
Pneumatic Hand Tools, 190 **IV**
Portable Compressor, 187 **IV**
Portable Conveyor, 582 **X**
Problems Solved, 286 **VI**
Process Control System, 285 **VI**
Pump Priming Compressors, 287 **VI**
Pumps, 16 **I**
Rackatrack Export Orders, 190 **IV**
Range of Portables, 187 **IV**
Reclamation of Surface Mined Land, 282 **VI**
Re-designed Furnaces, 287 **VI**
Reed Opencast Operation, 209 **V**
Replacement Loader, 286 **VI**
Safe Ladders, 15 **I**
Sterling Pullkey, 582 **X**
Stockout & Reclaim, 190 **IV**
Sulphur Determinator, 188 **IV**
Surviving Steam Winder, 681 **XII**
Suspended Level Control Probes, 192 **IV**
Testing Wire Ropes, 88 **II**
Twin-Boom Bison, 209 **V**
Waste Disposal Plant, 577 **X**
Wheel-Hub Motor Tested, 681 **XII**

FEATURES

Rock Drilling, 44 - 77 **II**
Tunnels & Tunnelling, 120 - 61 **III**
Conveyors & Conveying, 230 - 57 **V**
Safety & Rescue, 321 - 40 **VI**
Shearers, 606 - 14 **XI**

G

Government Scheme, 169 **III**
Gullick Dobson Score a 25, 640 - 1 **XI**

H

Haulage Chain Tensioner, 287 **VI**
100 Not Out, 294 **VI**

I

Improved underground roadway stability, 675 **XII**
Industrial Tools Range Extended, 597 **XI**
International Conference of Mining Safety Research, 292 **VI**
International Strata Control Conference, 561 **IX**
Istanbul Xth World Mining Exhibition, 544 - 52 **IX**

M

Martello Interlock Safety, 585 **X**
Mining Equipment for China, 686 **XII**
Mining Qualifications Board, 98 **II**
MQB Examinations, 341 **VI**

MINING OVERSEA

Coal in New Zealand, 261 **V**
Hydraulic Drilling Performance, 261 **V**
Mechanised Method for Semisteep Seams, 261 **V**

Mobile Ventilation Curtain, 169 **III**
New Disc Cutter Loader, 261 **V**
Roof Bolting, 261 **V**

N

NCB CRE Annual Report, 595 **XI**
New Factory Opened, 558 **IX**
New Patents, 87 **II**, 199 **IV**, 272 - 3 **V**, 342 **VI**, 358 **VII**, 563 - 4 **IX**, 589 **X**, 638 **XI**, 688 - 9 **XII**
NRDC Successful 30th Year, 572 - 3 **X**

O

Obituaries, 269 **V**, 528 **IX**, 571 **X**, 641 **XI**
Overseas Coal Developments Ltd., 341 **VI**

P

Park New Mine, 114 - 7 **III**
People, 6 - 9 **I**, 34 **II**, 112 **III**, 196 - 7 **IV**, 270 - 1 **V**, 292 **VI**, 352 **VII**, 574 **X**, 614 - 5 **XI**
Prepex 79, 23 - 4 **I**
Project Cable Belt, 596 **XI**

Q

Quarry Men Visit Dunlop, 615 **XI**

R

Race is on, The, 686 **XII**
Reclamation of Mining Equipment, 287 **VI**
Return to Coal Foreseen, 665 **XII**

S

South Wales Coal Study, 169 **III**
Students' Prize Competition 1979, Presentation Lunch, 664 - 5 **XII**
Students' Prize Competition Results 1979, 595 **XI**

SUPPLEMENTS

Articles

BCI

British Coal International, S 3 - 4 **VII**
Exploration Techniques and the Geological Service within the NCB, S 7 - 13 **VII**
Foreword, S 1 **VII**
Making the Most of Coal, S 38 - 45 **VII**
NCB (Ancillaries) Ltd., S 33 - 38 **VII**
NCB's Mining Research and Development (MRDE Bretby), S 14 - 18 **VII**
Opencast (Strip) Coal Mining, S 45 - 48 **VII**
R & D Support for Coal Preparation, S 26 - 33 **VII**
Role of Computers in British Coal Mining, S 18 - 20 **VII**

VDMA

Bulk Conveyance and Underground Transport, 32 - 41 **IV**
Coal Preparation Installations, 18 - 20 **IV**
Continuous Opencast Mining Equipment, 11 - 17 **IV**
Foreword, 1 **IV**
Hydromechanical Winning and Hydraulic Conveying, 42 - 7 **IV**
Longwall Winning & Conveying Equipment & Roof Support, 21 - 31 **IV**

Mining of Bituminous Coal in Germany,

2 - 3 **IV**

Planning & Development of Mines, 49 - 56 **IV**

Authors

BCI

Collinson, J. L., S 23 - 26 **VII**

Ezra, Sir Derek, S 1 **VII**

Gray, M. D., S 38 - 45 **VII**

Hartley, D., S 18 - 20 **VII**

Hitchcock, R. A., S 33 - 8 **VII**

Jenkinson, D. E., S 26 - 33 **VII**

Lindley, G. F., S 45 - 8 **VII**

Rhodes, H. L., S 3 - 4 **VII**

Tregeiles, P. G., S 14 - 8 **VII**

Vernon, R. W., S 7 - 13 **VII**

VDMA

Beckmann, Prof Dr-Ing K. E., 21 - 31 **IV**

Brinkmann, F., 18 - 20 **IV**

Bund, Dr-Ing Dr rer pol K., 2 - 3 **IV**

Ertle, H. J., 49 - 56 **IV**

Gärtner, Dr-Ing E. H. E., 1 **IV**

Haas, Dr-Ing H., 49 - 56 **IV**

Jochums, Dipl. B. A., 5 - 10 **IV**

Jordan, Dipl. Ing D., 42 - 7 **IV**

Krumrey, A., 11 - 7 **IV**

Pfannenstiel, Dipl-Ing P. K., 32 - 41 **IV**

Schafer, Obering Dipl-Ing H., 49 - 56 **IV**

T

Thorne Colliery Reopening, 516 **IX**

Translation in Industry & Commerce, 522 **IX**

TV Star Referees 805 Debut, 291 **VI**

U

UMO Celebrate a Decade,

W

Wave depth indicator, 686 **XII**

World Mining Congress & Exhibition Istanbul, 281 **VI**

WORLD NEWS

Australia

Coal Oil, 259 **V**

Energy Research Survey Published, 259 **V**

Steam Coal Ports, 259 **V**

Water Removal, 259 **V**

Canada

Contracts, 260 **V**

Kaiser Takes Over Ashland, 39 **II**

New Zealand

Characterisation of NZ Coals, 39 **II**

New Zealand Report, 39 **II**

South Africa

Battery Operated Scoop, 39 **II**

Coal Board for SA, 260 **V**

R80m. Colliery, 259 **V**

Hydraulic Rock Drills Drive Water Tunnel, 628 **XI**

Joy in SA, 260 **V**

SA Coal for Israel, 259 **V**

SA Research, 259 **V**

USSR

Spontaneous Combustion Controlled by Foam, 628 **XI**

